

LASER-PRODUCED PLASMA EUV LIGHT  
SOURCE WITH ISOLATED PLASMA

ABSTRACT OF THE DISCLOSURE

An EUV radiation source (40) that includes a nozzle (42) positioned a far enough distance away from a target region (50) so that EUV radiation (56) generated at the target region (50) by a laser beam (54) impinging a target stream (46) emitted from the nozzle (42) is not significantly absorbed by target vapor proximate the nozzle (42). Also, the EUV radiation (56) does not significantly erode the nozzle (42) and contaminate source optics (34). In one embodiment, the nozzle (42) is more than 10 cm away from the target region (50).